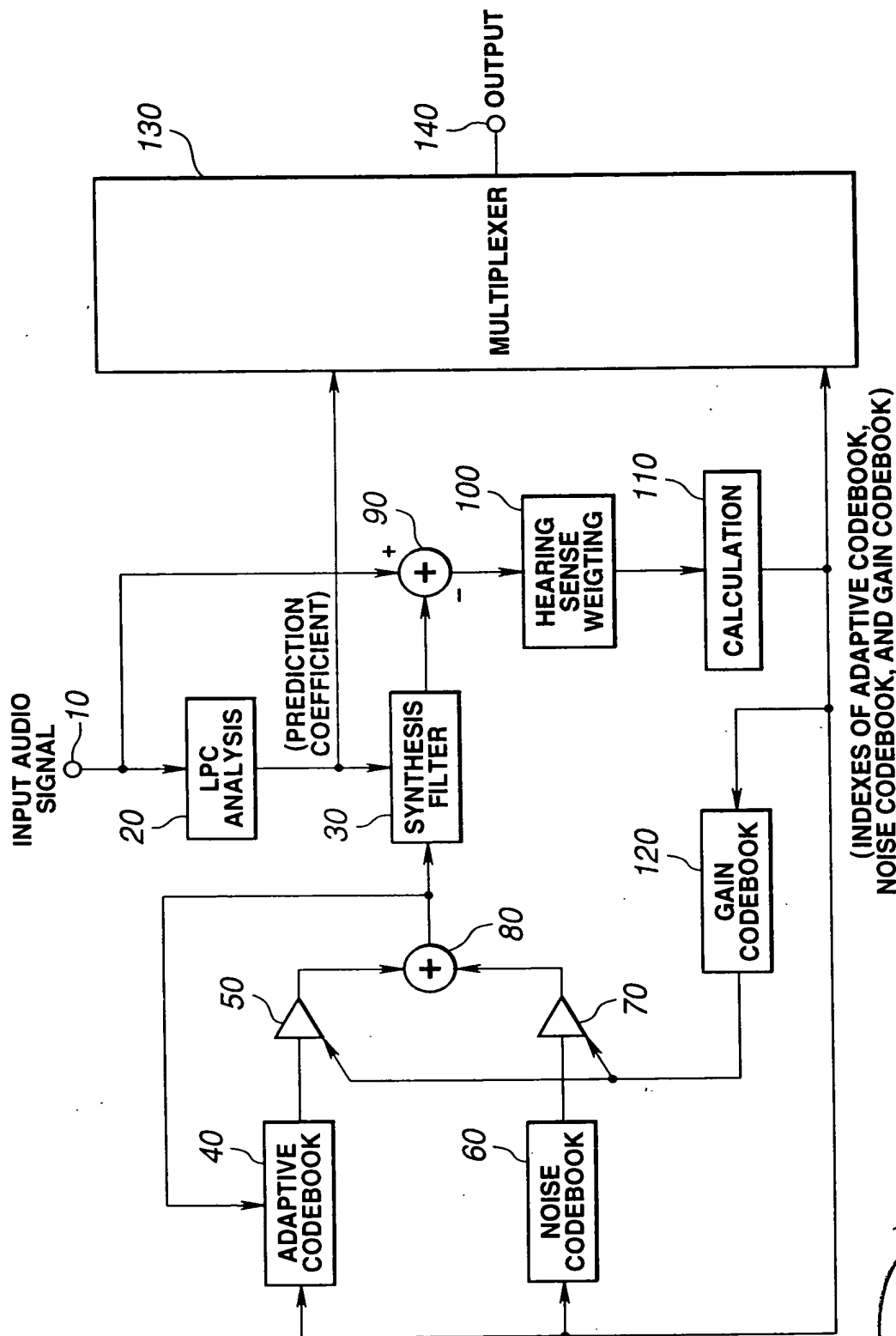


FIG. 5
704 232

518p0297



(INDEXES OF ADAPTIVE CODEBOOK,
NOISE CODEBOOK, AND GAIN CODEBOOK)

FIG.1

10

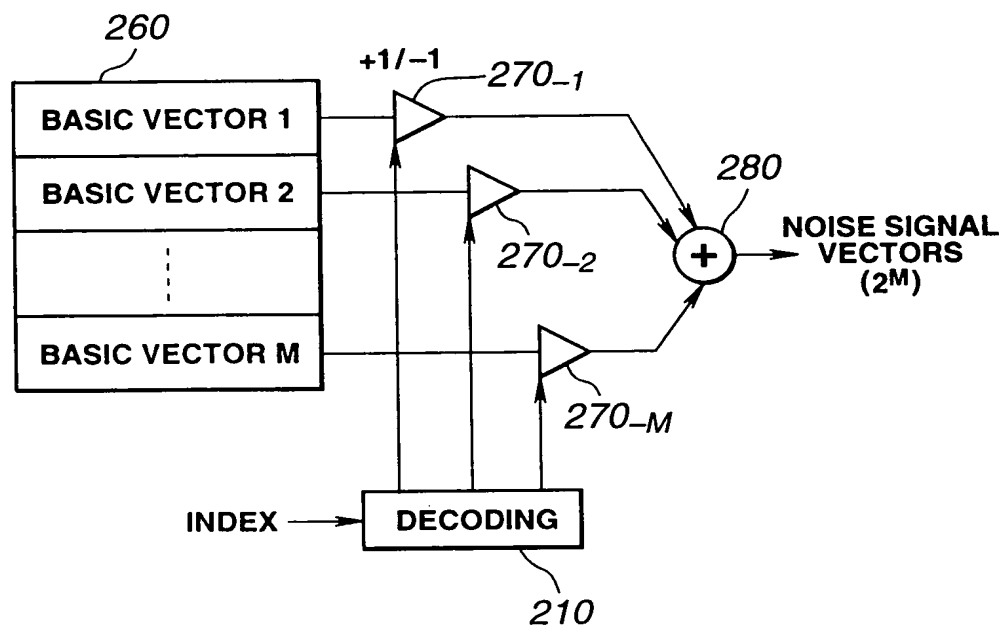
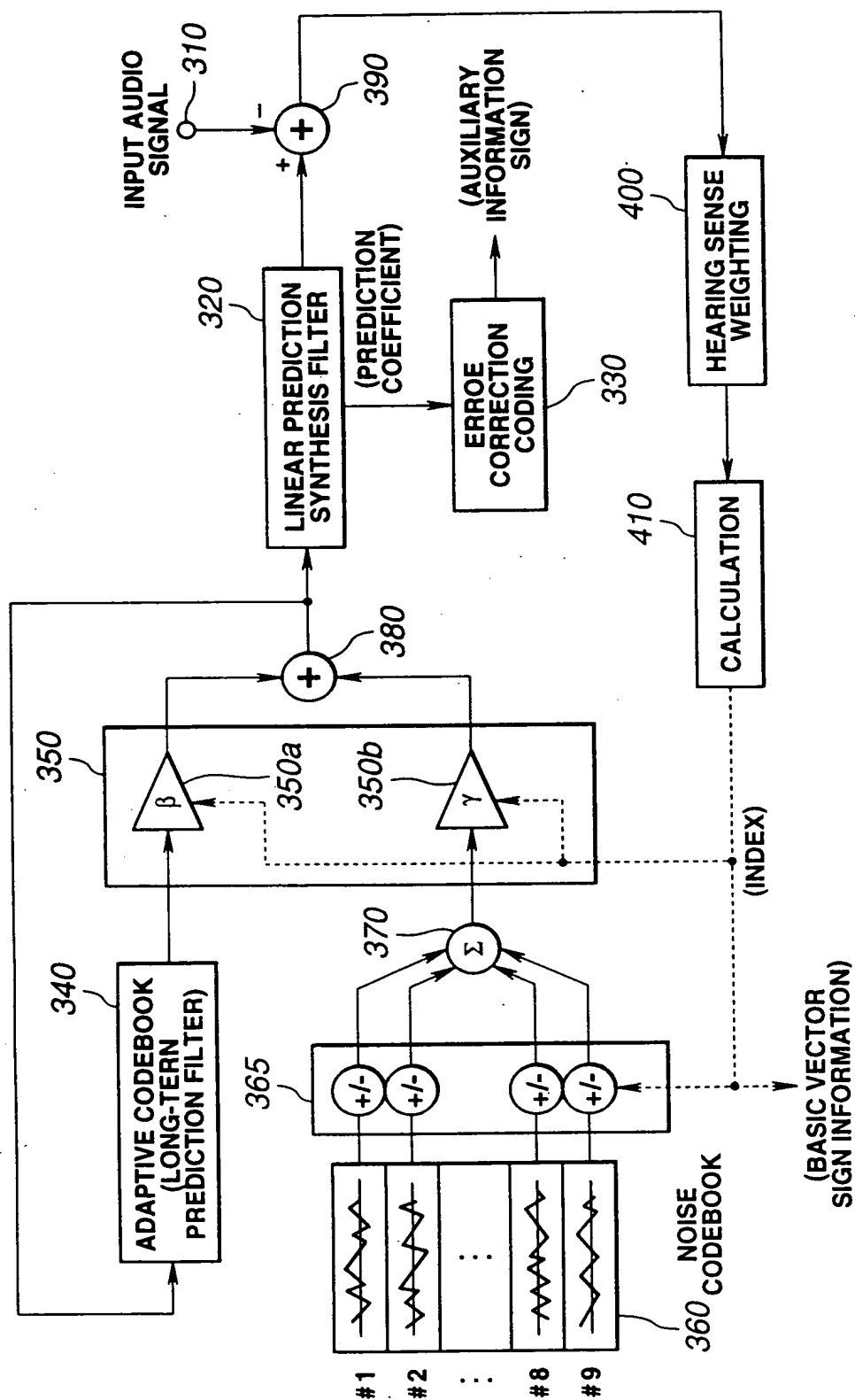


FIG.2



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CLASSIFICATION: 714/714

N	BIT V			
	4	3	2	1
0	0	0	0	0
1	0	0	0	1
2	0	0	1	1
3	0	0	1	0
4	0	1	1	0
5	0	1	1	1
6	0	1	0	1
7	0	1	0	0
8	1	1	0	0
9	1	1	0	1
10	1	1	1	1
11	1	1	1	0
12	1	0	1	0
13	1	0	1	1
14	1	0	0	1
15	1	0	0	0

425

426

FIG.4

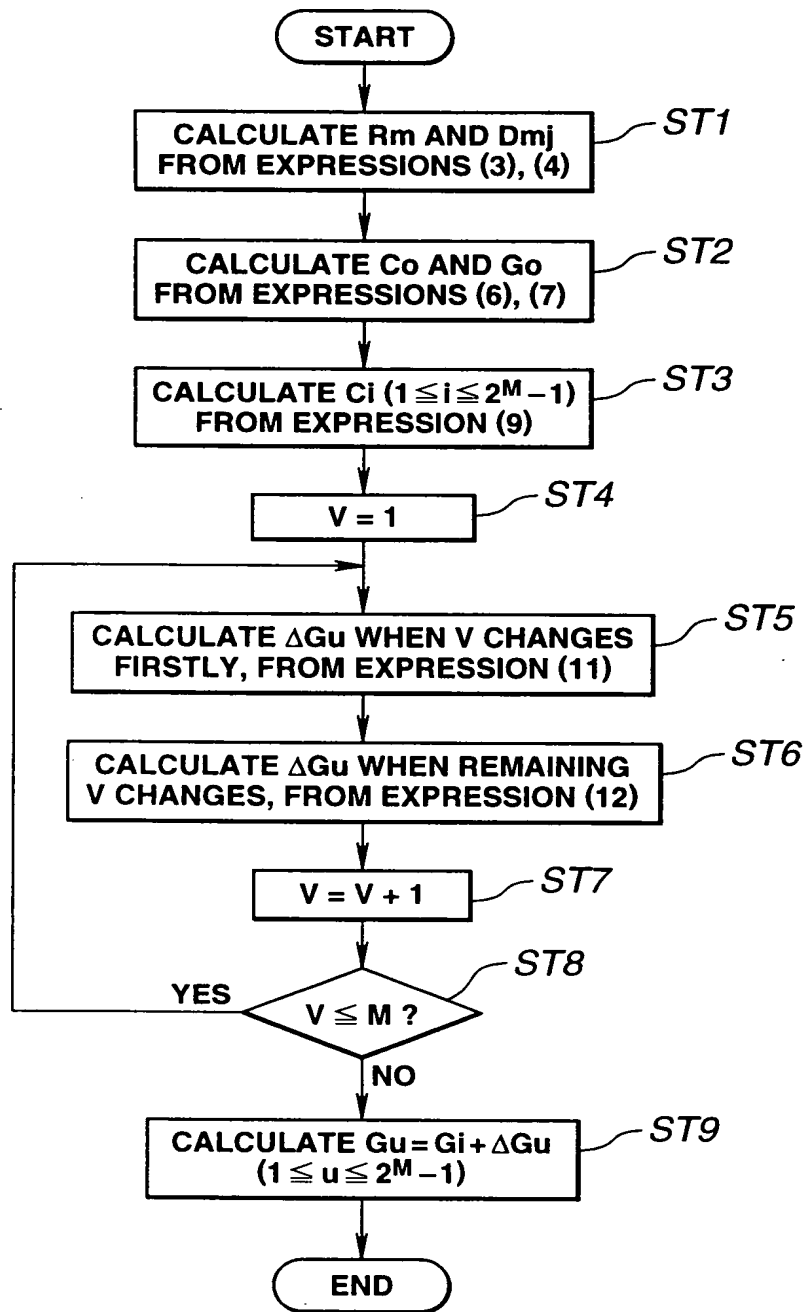


FIG.5

FIG.6A

M	MULTIPLICATION		
	PRESENT INVENTION	CONVENTIONAL	RATIO
4	57	90	0.633
5	118	248	0.475
6	231	630	0.367
7	444	1524	0.291
8	853	3570	0.239

FIG.6B

M	ADDITION AND SUBTRACTION		
	PRESENT INVENTION	CONVENTIONAL	RATIO
4	49	45	1.089
5	103	124	0.831
6	207	315	0.657
7	409	762	0.537
8	805	1785	0.451

FIG.6C

M	WRITING TO MEMORY		
	PRESENT INVENTION	CONVENTIONAL	RATIO
4	30	15	2.0
5	62	31	2.0
6	126	63	2.0
7	254	127	2.0
8	510	255	2.0

FIG.7

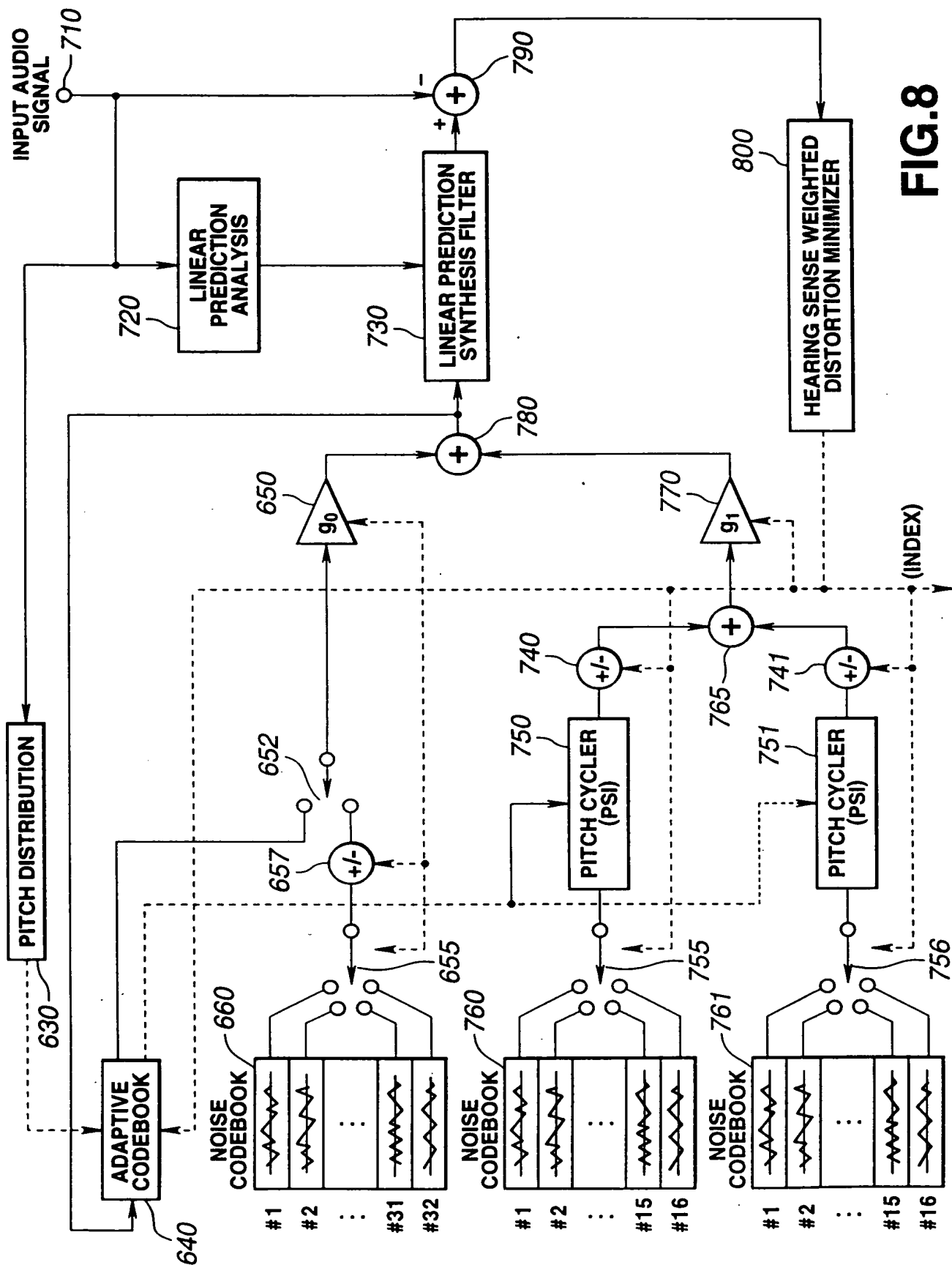


FIG. 8